



# Model 933-S

## In-Line Deflagration Arrester / In-Line Detonation Arrester

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BS&B FlameSaf™ flame arresters embody superior design characteristics and are third-party tested to the latest standards in order to provide state of the art explosion protection. Utilizing the flame arrester elements to extinguish the flame, FlameSaf flame arresters are widely used to protect tanks, piping and other systems against deflagrations and detonations. Consult your local BS&B representative or call us for consultation on your safety concerns.

### Features

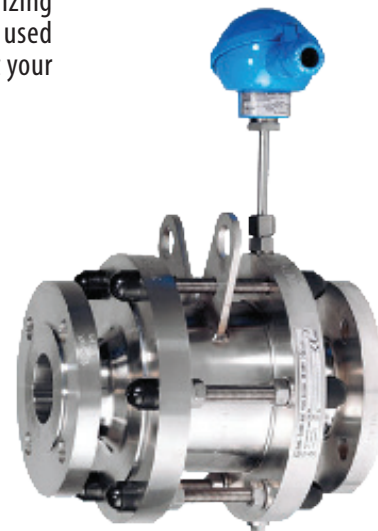
- In-line deflagration arrester / in-line detonation arrester
- Stable / Unstable detonation
- Short time burning
- Low pressure drop
- Various options available for high operating pressure and temperature
- EC prototype test certificate according to ATEX Directive 2014/34/EU and EN ISO 16852:2016
- Available in nom. Diameter: DN50 (2") – DN600 (24")
- Additional sizes available on request

### Protection

- Gas/air or vapour / air-mixtures for explosion groups up to and including IIC (NEC Group B), MESG < 0.5mm
- Temperature Sensor – resistance thermometer with protection type
  - Inherently safe (EEx i)
  - Pressure Resistant Enclosure (EEx d)

### Connection Type

- ISO 7005-1 / ASME B16.5
- ANSI B16.5
- Other types available upon request



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In-line detonation arrester

Materials of Construction					
	Stainless Steel	Hastelloy	Carbon Steel	Ductile Iron	Other Materials on request
Metal Foil Element	✓	✓			✓
Housing of Metal Foil Element	✓	✓			✓
Body / Cover	✓		✓	✓	✓
<i>Painting Options Available</i>					

EC Type Examination	
Designation	933-S 50 to 600
Protective System	Short time burning deflagration, stable and unstable detonation flame arrester for explosion groups up to and including IIC (NEC Group B)
Compliance with guidelines:	ATEX 2014/34/EU EN ISO 16852:2016

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